

AMA CHEWER

OUR SIXTY SECOND YEAR

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Editor

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Publisher

MEETING: 2nd and 4th. Fridays each Month.
U. C. Missions Building.
222 S. Downey Ave.

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MEETING: April 8, 1977. Everyone Welcome.

BELL SWITCHING SYSTEMS BY-Pete Ryza, WB9QWU. who works with Bell Tele-
phones latest switching equipment, such as ESS.

PROGRAMM REVIEW for March 11, 1977. Our speaker Lt. Col. Wm K. Miller of the Indiana Bell Telephone Co. gave us an insight into the technical operation of the Telephone Co. by means of a Slide Show. Over 7000 Engineers and Scientists develop new technology at the Murray Hill N. J. Bell Labs. Western Electric Co. is the Manufacturing branch and the Long Lines system installs all the cables and equipment. The system handles 500 million calls per day. Back in 1879 there were many small phone companies, Two or three in each town competing with each other. Service men made their calls on a bicycle or by horse and wagon. In 1892 a long distance line connected Chicago with NYC. with Dr. A. Bell making the call to his assistant from early days in Nova Scotia, Mr. Tom Watson. In 1915 a line spanned the USA for the first time. It took 23 minutes for the various ops to make the proper connections and again Bell spoke with Watson initiating the transcontinental service. Satellites were first used in 1962 with TELSTAR. Picture fone was also developed but failed to catch on. New Co-AX cables carry 1000 QSO's at a time. New computers make decisions, make the routing and switching trunks and lines, keep LD records for toll charges. All old mechanical switchboards are being replaced by smaller solid state switching data systems, one panel handling 550,000 lines. Fiber Optics are being developed to carry some 4000 QSO's at once over many miles. Bell provides wonderful work opportunities in research and development for those who are qualified.

BITS AND PIECES Ron Cooper, WB9DKL our Program Chairman asked each member to supply him with a 35mm. color slide of his shack and antenna for a slide show planned for the near future. If not you can arrange with any of our members who are ardent camera bugs and would be glad to help. BYRON FORTNER, W9FYM was the lucky winner of a door prize consisting of the new ARRL Operating Manual.

Cary Carender, WB9LID, Field Day Chm. asked for a 6 meter SSB rig, like a TR-6 needed to complete the FD equipment roster. Cary wants operators especially the CW type who are in short supply. FD date is Sat and Sun. June 25-26 More details in coming issues of Ama-Chewer.

HAROLD MCGEE, W9LZ reports progress is being made on the new Area Call-book the 6th edition put out by IRC. The area to be covered will be somewhat reduced due to the fact that there are over 1600 hams in the main area alone.

ALVEY PITTMAN, W9EL proffered his newly designed logo for the Club's stationary. It will bear the Club's name, address in Indy and a cut showing ARRL affiliation and our 1914 date of origin. This matter is now in the hands of the printer at this time and we should have the new stationary soon.

Mike Williams our Pres asked us to form car polls for those unable to drive or get to meetings otherwise.

CONGRATS to Lowell Lowery on his attaining a two letter call recently, signing W9BZ and discarding the obsolete call W9FVD which served so well these many years. A reminder that all members get free advertizing in the Ama-Chewer. Just write out or phone in your ad for swapping, or selling and get it to the Editor or publisher, W9BR or W9AI and it will appear in the next issue. Advise if you wish it repeated. A small fee is charged for non-members and commercial houses.

CLUB Equipment The club owns numerous pieces of test gear which are available for members to borrow for use. Very soon you will get a list of this material with your Ama-Chewer and the officer in charge of logging the loan, plus info on how to log it in and out of service. A Library of Ham literature is being considered by the B of Directors and might surface if a Librarian can be found to keep track of all the items. This would be a valuable service to us all considering the high cost of call-books and texts which are used a bit once in a while. We might even add Code practice cassetts, records, tapes, etc.

DAYTON Start saving your green stamps for the big bash at Dayton on April 29-30 and Sunday following. Over 10,000 are expected so tie down your rubber duck... Car pools for this will be planned at a future meeting, for those who need rides. Sign seen on an Electricians Service truck.. Let us remove your shorts... Hi.

PUBLICITY Gene VanSickle, W9KJF has been appointed Chmn. of the Publicity and PR committee, to develop media for the purpose of getting the IRC news and activities before the Public. Gene is also the appointed assistant Director for the ARRL Central Division so these two jobs should work together hand in glove. The PR work will include providing a more friendly atmosphere for guests and visitors to Club meetings so that everyone is personally greeted and no one ignored or made to feel unappreciated and therefore turned off as far as the IRC is concerned. We applaud these innovations and the valuable efforts of those doing the work.

PROGRAM REVIEW March 25, 1977. Members and guests heard Claude Richie, W9TKV speak on the secrets of working DX. The ARRL sponsors a DX Century Club and awards a diploma to those working 100 or more countries. Claude has 312 Active and 342 All Time countries to his credit and is one of the top DXers in Indiana. Propagation from various parts of the globe must be carefully studied in order to determine the best band, time and direction to work DX. The secret of working DX is to Listen, Listen, Listen Ragchewing on the higher freq bands is usually restricted to the higher portions of the band while the DX operates in the lower portions by custom. Claude recorded some CW DX operations and let us listen to these tapes. One becomes immediately impressed by the racket, weak sigs, fading and competition one has to endure working DX especially during contests. On CW one may call a bit off freq from the DX station to get out from under the zero beat QRM, but on SSB one can only tune smack on and pray. One must learn to copy weak sigs and know all the various countries call prefixes. Claude likes Yagies for DX. Claude we thank you for a fine presentation and hope you will favor us with more later.

NEW MEMBERS The Club takes pleasure in welcoming as new members the following:

Thomas E. Mullendore, 5753 E. New York St. Former WB4WAV.
Henry M Peterson, 4423 Longworth St. W9ZRK.
James D. Rinehart, 6840 S. Arlington Ave. WB9PXR.
Kenneth B Alexander, 8144 E. 12th St. WB9VGS.
Tom Woolums, 6848 Buick Dr. WD9BKN.